

**INTERNATIONAL ROAD DYNAMICS INC.**

702 - 43rd Street East Saskatoon, SK CANADA S7K 3T9

Phone (306) 653-6600 Fax: (306) 242-5599

- Site Service Report -**IRD SO#:** 10785B LTPP Maintenance**From:** Bruce Myers**Project Name:** Maryland LTPP WIM**Project Location:** US15 MP 4.7**Service Date(s):** April 9, 2008**Weather:** Sunny 55° F**IRD Ref:****To:****Job Description:** Semi-annual maintenance check**Work Completed:**

Electrically tested inductive loops, weighpads, power supply, back-up battery and phone line.

Visually inspected Inductive Loops, Weighpads and roadway for any distress or cracking. Weighpads had large gouges in the rubber coating probably caused by snow plows. This should not effect performance weighpads are tight in frames.

Observed traffic in real time. Vehicles being classified properly and weights appear to be within limits. Tested modem communications operates OK. Seperated leading /trailing loop frequencies high and med/high.

Work Remaining: None at this time.**Parts Used:** N/A**Mileage / Travel Time:** 120 Miles / 2 hours**Time Spent on Site:** 1.5 hours**Notes:****Action Items:**

Item	Action Required	Ownership
1.	None at this time.	

Site Pictures



International Road Dynamics Inc.

Site Service Sheet

[Clear](#)System Type: iSINC/PAT BPDate: 4/9/2008
Job #: S.O. 10785BState: Maryland
Site #: SPS-5Location: US15 Northbound Mile Post 4.7
LTPP ID: 240500

Loops

Resistance
Leakage
Inductance
Frequency

Lane - 1		Lane -		Lane -		Lane -	
Lead	Trail	Lead	Trail	Lead	Trail	Lead	Trail
.7 ohm	.7 ohm						
inf.	inf.						
149 mh	145mh						
N/A	N/A						

Weighpads

Supply
Signal
Shield
Zero Pt
Serial #

Lane - 1		Lane -		Lane -		Lane -	
Lead	Trail	Lead	Trail	Lead	Trail	Lead	Trail
977 ohm	975 ohm						
843 ohm	842 ohm						
inf.	inf.						
0.2 mV	0.3mV						
175-7062	175-7065						

Piezos

Amplitude
Capacitance
Resistance

Lane -		Lane -		Lane -		Lane -	

System

A/C Service
Power Supply
Solar Panel
Back-Up
System Input
Modem Power
Phone off hook
Phone on hook

120 VAC
13.5 VDC
N/A
13.2 VDC
N/A
6.79 VDC
46.6 VDC

Technician:

Bruce Myers

Date:

4/9/2008